

Winter Storm Summary

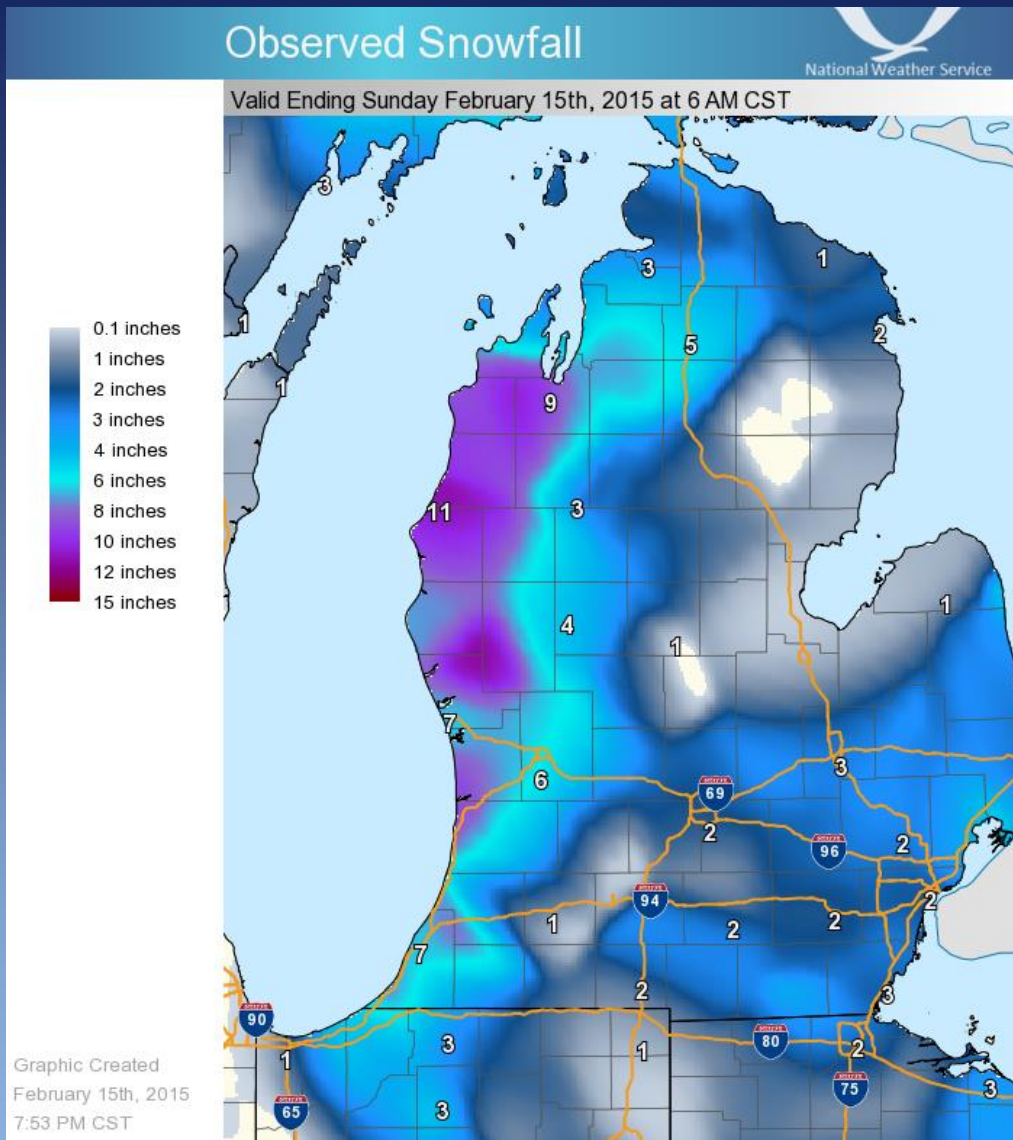
February 13th 3 pm through 3 AM February 15th

A clipper system tracked on the north side of Lake Superior Friday afternoon bringing an arctic cold front through Southwest Michigan late in the evening on the 13th. There was a burst of snow ahead of the system during the late afternoon on the 13th, the heaviest snow from that part of the system north of South Haven and west of US-131, up to 6 inches fell from that part of the storm.

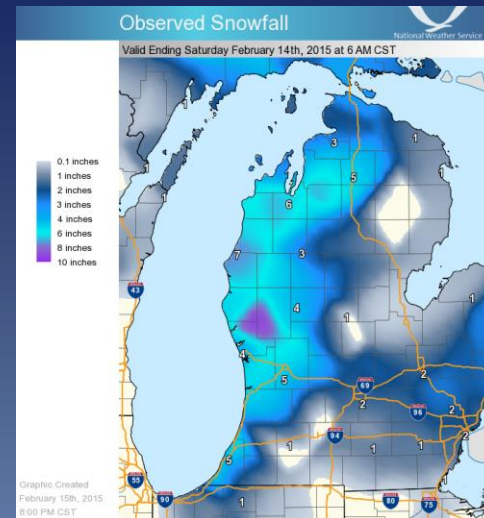
Behind the cold front during the early morning hours of the 14th, the lake effect snow showers developed. The heaviest snow from this part of the storm was also west of US-131, with the Ludington area getting nearly a foot from the storm. Strong winds developed by mid morning, those winds frequently gusted to between 35 mph and 45 mph across the area. Winds gusted to over 50 mph along the lake shore. The wind and snow diminished during the evening as the snow bands shifted toward the lake shore. It took until around 3 AM on the 15th for the snow bands to be totally off shore.

Impacts from the storm included from Mason County: Many of our roads are drifting shut. Public Safety crews and wreckers are even getting stuck. Part of I-196 were closed during the evening near South Haven. Muskegon Airport had visibilities at or less than a ¼ mile between 10 AM and 8 PM.

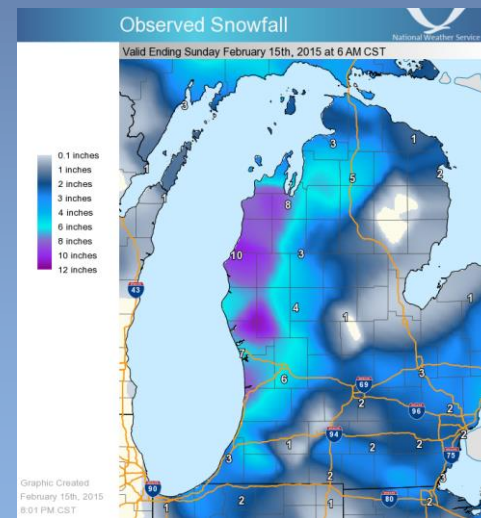
STORM TOTAL SNOWFALL 13 -15 TH



SNOWFALL 13-14 TH



SNOWFALL 14-15 TH



STORM TOTAL SNOWFALL

Location	Station Type	Longitude	Latitude	Snowfall
FREMONT 4 WSW	COOP	-86.026	43.446	11.5
SCOTTVILLE 2SE	COOP	-86.245	43.933	9.0
HOLLAND	COOP	-86.205	42.799	8.5
SCOTTVILLE 6.6 NNW	CoCoRaHS	-86.34	44.035	7.5
HART	COOP	-86.424	43.675	7.3
ALLENDALE 1.3 SSW	CoCoRaHS	-85.957	42.967	6.4
MUSKEGON CO AP	WBAN	-86.237	43.171	6.3
MUSKEGON 4 SE	COOP	-86.204	43.184	6.3
HOLLAND 3.9 NNE	CoCoRaHS	-86.068	42.823	6.0
WALKER 3.2 W	CoCoRaHS	-85.81	42.988	5.4
HOPKINS 1 N	COOP	-85.761	42.635	5.4
GRAND RAPIDS 5.5 NNE	CoCoRaHS	-85.613	43.031	5.0
GRAND RAPIDS 2.9 NW	CoCoRaHS	-85.694	42.992	5.0
GRANDVILLE 1.3 WSW	CoCoRaHS	-85.779	42.897	4.9
HOPKINS 2.0 N	CoCoRaHS	-85.76	42.654	4.8
WHITE CLOUD 7.5 ENE	CoCoRaHS	-85.642	43.606	4.8
NWSFO GRAND RAPIDS	COOP	-85.545	42.893	4.7
HOPKINS 0.6 NNE	CoCoRaHS	-85.761	42.634	4.6
REED CITY WWTP	COOP	-85.499	43.88	4.5
BIG RAPIDS WATERWORK	COOP	-85.482	43.707	4.4
GRAND RAPIDS INTL AP	WBAN	-85.524	42.883	4.1

Maximum Wind Gusts

...WIND REPORTS PAST 6 HOURS ...

LOCATION	SPEED	TIME/DATE	LAT/LON
...ALLEGAN COUNTY...			
1 ESE NORTH DORR	42 MPH	0201 PM 02/14	42.76N/85.73W
W MICH REGIONAL ARPT	41 MPH	0510 PM 02/14	42.74N/86.11W
...CALHOUN COUNTY...			
W K KELLOGG AIRPORT	45 MPH	0351 PM 02/14	42.31N/85.25W
...CLINTON COUNTY...			
CAPITAL CITY AIRPORT	43 MPH	0425 PM 02/14	42.78N/84.59W
...GRATIOT COUNTY...			
1 W WHEELER	43 MPH	0251 PM 02/14	43.41N/84.46W
...JACKSON COUNTY...			
2 WNW LEONI	40 MPH	0350 PM 02/14	42.26N/84.31W
...KALAMAZOO COUNTY...			
KZOO/BATTLE CREEK INTL AIRPO	46 MPH	0402 PM 02/14	42.23N/85.55W
1 WSW COMSTOCK	43 MPH	0100 PM 02/14	42.28N/85.54W
...KENT COUNTY...			
GERALD R FORD INTL	45 MPH	0323 PM 02/14	42.89N/85.54W
...MASON COUNTY...			
MASON CO APT	45 MPH	0414 PM 02/14	43.97N/86.42W
2 W SCOTTVILLE	43 MPH	1210 PM 02/14	43.96N/86.34W
LUDINGTON	42 MPH	0224 PM 02/14	43.95N/86.44W
...MUSKEGON COUNTY...			
WABANINGO	59 MPH	0330 PM 02/14	43.37N/86.42W
MUSKEGON GLERL	49 MPH	0400 PM 02/14	43.23N/86.34W
MUSKEGON COUNTY AIRPORT	45 MPH	0308 PM 02/14	43.17N/86.24W
1 WSW NORTON SHORES	40 MPH	0334 PM 02/14	43.15N/86.29W
...NEWAYGO COUNTY...			
FREMONT MUNICIPAL ARPT	41 MPH	0313 PM 02/14	43.44N/85.99W
...OCEANA COUNTY...			
4 SSE HART	48 MPH	0244 PM 02/14	43.64N/86.33W
4 SSE HART	41 MPH	0223 PM 02/14	43.64N/86.33W
...OSCEOLA COUNTY...			
1 NW REED CITY	48 MPH	0145 PM 02/14	43.89N/85.53W
2 S HERSEY	42 MPH	1210 PM 02/14	43.82N/85.44W
...OTTAWA COUNTY...			
HOLLAND HARBOR	57 MPH	0230 PM 02/14	42.77N/86.20W
2 SSW JAMESTOWN	40 MPH	1145 AM 02/14	42.80N/85.86W
...VAN BUREN COUNTY...			
SOUTH HAVEN RGNL ARPT	41 MPH	0215 PM 02/14	42.36N/86.26W
2 WSW GOBLES	41 MPH	1121 AM 02/14	42.35N/85.92W

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING
EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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NWS GRAND RAPIDS MI